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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

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WEEKLY REPORT

Week Ending December 7, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

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EPIDEMIOLOGIC NOTES AND REPORTS
INFLUENZA – United States

During the week ending December 7, 1968, Kansas, New York, Virginia, and Oklahoma reported outbreaks of influenza-like illness. Arizona and the District of Columbia isolated A2 influenza viruses from the outbreaks mentioned previously (MMWR, Vol. 17, Nos. 47 and 48).

Scattered outbreaks of influenza-like illness were reported in several areas in Kansas. One university reported an increase in incidence of febrile respiratory illness and in absenteeism rates. Specimens for laboratory examination were obtained.

An outbreak of an influenza-like illness has occurred in a university in mid-state New York. The outbreak predominantly has involved students in resident dormitories and approximately 1,000 cases were reported in a 1-week period. Laboratory studies are pending.

In Virginia, four isolated outbreaks of influenza-like illness occurred in the Richmond and Tidewater areas. In Oklahoma, isolated cases of influenza and one outbreak

(Continued on page 454)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	49th WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 49 WEEKS		
	December 7, 1968	December 9, 1967	1963 - 1967	1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	74	60	38	4,198	2,901	2,041
Brucellosis	3	5	6	220	240	240
Diphtheria	3	10	10	223	197	197
Encephalitis, primary:						
Arthropod-borne & unspecified	31	26	- - -	1,355	1,513	- - -
Encephalitis, post-infectious	7	14	- - -	446	725	- - -
Hepatitis, serum	146	75	770	4,431	2,202	35,647
Hepatitis, infectious	961	909		43,137	36,523	
Malaria	31	51	4	2,231	1,987	101
Measles (rubeola)	268	367	2,712	21,712	61,099	256,450
Meningococcal infections, total	45	35	47	2,404	2,026	2,619
Civilian	44	34	- - -	2,210	1,902	- - -
Military	1	1	- - -	194	124	- - -
Mumps	2,256	- - -	- - -	142,347	- - -	- - -
Poliomyelitis, total	—	2	2	55	45	97
Paralytic	—	—	1	55	32	89
Rubella (German measles)	379	409	- - -	47,367	43,066	- - -
Streptococcal sore throat & scarlet fever	10,972	10,195	8,732	403,693	419,777	368,505
Tetanus	1	7	7	154	216	261
Tularemia	—	2	3	166	159	233
Typhoid fever	9	6	10	382	388	428
Typhus, tick-borne (Rky. Mt. spotted fever)	1	—	—	277	297	251
Rabies in animals	56	88	72	3,173	4,019	4,019

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Rabies in man:	1
Botulism:	7	Rubella, Congenital Syndrome:	5
Leptospirosis: Fla.-1, Md.-1, Tex.-1	56	Trichinosis: Mass.-1	61
Plague:	3	Typhus, murine: Tex.-2	32
Psittacosis: Calif.-1, Ill.-1	42		

INFLUENZA – *(Continued from front page)*

of influenza-like disease were reported. Epidemiologic and laboratory data on these outbreaks are pending.

A Public Health Service Field Station, Fort Collins, Colorado, experienced an influenza A outbreak during the month of November. As of December 2, 16 of 44 people surveyed at the field station have recently had an influenza-type illness. Six cases were reported as mild, seven as moderate, and three as severe. The total number of work days missed ranged from 0 to 4 with an average of 1.8 days. Hemagglutinating agents tentatively identified by the fluorescent antibody method as type A influenza virus were recovered from throat washings of two persons during the acute phase of their illnesses. During the first 2 weeks of November, only two cases of influenza were reported by the Latimer County Health Department near Fort Collins; however, during the last 2 weeks of November, 365 and

Figure 1
INCIDENCE OF INFLUENZA AND INFLUENZA-LIKE DISEASE BY STATE AS REPORTED TO NCDC
SEPTEMBER 2, 1968 – DECEMBER 10, 1968

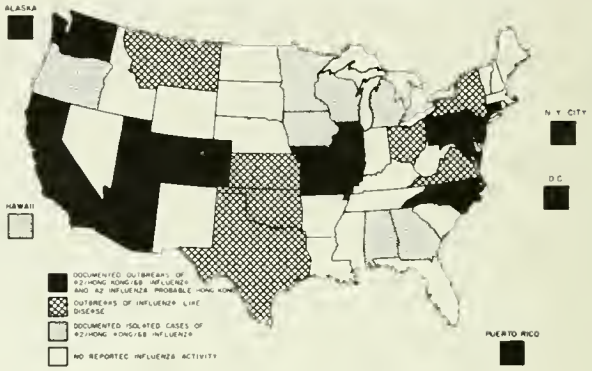
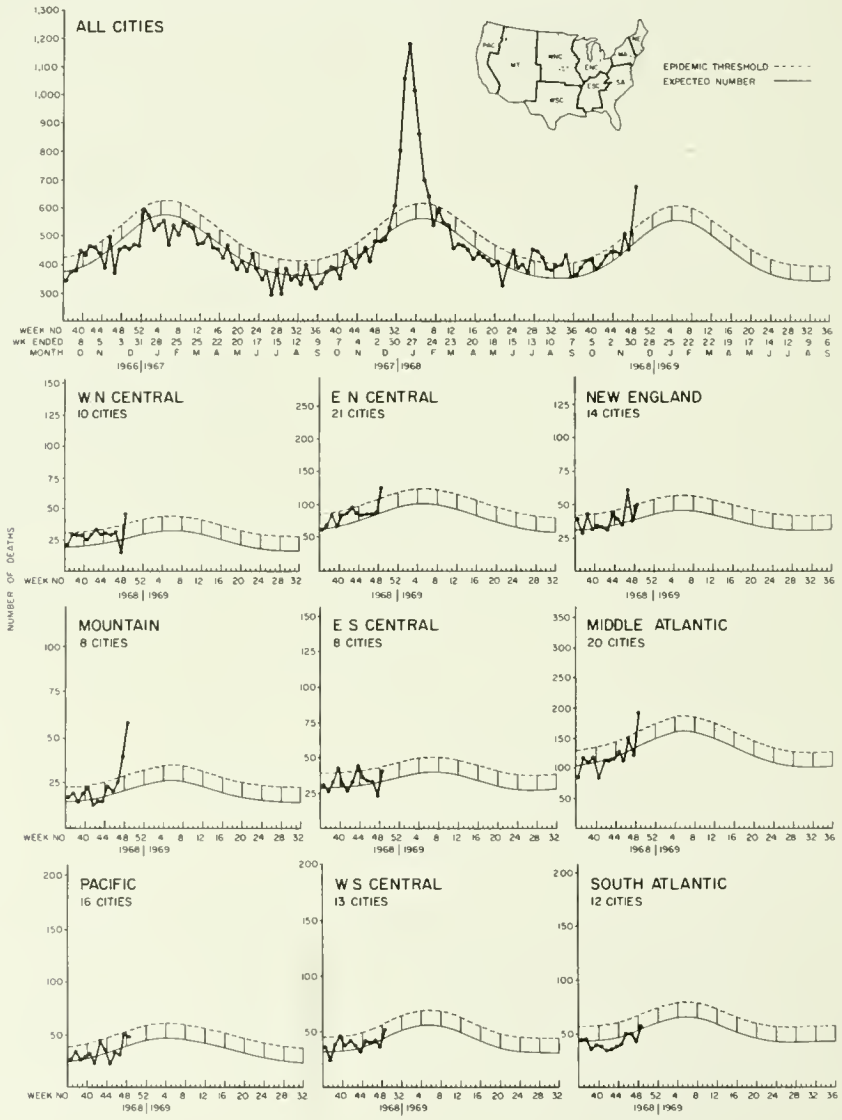


Figure 2
PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



319 cases, respectively, were reported. Absenteeism in the Fort Collins high school was doubled during the second and third weeks of November. A decline to 269 cases was noted during the first week of December.

The current status of influenza activity in the United States is depicted in Figure 1. As illustrated in Figure 2, there has been an increase in reported pneumonia-influenza deaths in 122 U.S. cities, exceeding the epidemic threshold. This excess mortality is demonstrated in the West North Central, East North Central, Mountain, and Middle Atlantic Divisions.

(Reported by C. S. Mollohan, M.D., Chief, Section of Epidemiology, Colorado State Department of Public Health; and the Latimer County Health Department; Donald E. Wilcox, Director, Section of Epidemiology, Kansas State Department of Health; Janet Hood, M.D., Director of Student Health Services, State University of New York, Albany Campus, and Julia L. Freitag, M.D., Director, Bureau of Epidemiology, New York State Department of Health; R. LeRoy Carpenter, M.D., Director, Division of Epidemiology, Oklahoma State Department of Health; Paul C. White, Jr., M.D., Director, Bureau of Epidemiology; and the Zoonoses Section, Ecological Investigations Program, NCDC, Fort Collins, Colorado; and EIS Officers.)

OUTBREAK OF SALMONELLOSIS – Jersey City, New Jersey

An outbreak of salmonellosis involving 17 of 18 persons who attended a family Thanksgiving dinner in Jersey City, New Jersey, occurred on November 28 and 29, 1968. The persons ranged in age from 7 months to 56 years. Onset of illness was 3 to 17 hours after the meal, with a median of 7 hours. Symptoms included vomiting (100 percent), diarrhea (100 percent), fever (94 percent), and abdominal pain (82 percent). As a result of the outbreak, 15 persons were hospitalized; the mean duration of hospitalization was greater than 6 days (two patients are still in the hospital). Two individuals died as a result of the outbreak: the first, a 17-year-old boy, died without hospitalization 37 hours after onset of illness, and the second, a 56-year-old woman, died in the hospital 3 days after onset of illness. Neither patient had any known underlying medical illness and neither was receiving any medication prior to illness. At autopsy the only abnormal finding was severe enterocolitis in both cases. Cultures from all those involved as well as the asymptomatic person who consumed the meal were positive for *Salmonella enteritidis*.

The suspect meal was a traditional Thanksgiving dinner including turkey and stuffing. Because all foods were consumed by nearly everyone at the meal, food histories did not implicate a single vehicle. Cultures of leftover turkey, stuffing, and gravy yielded *S. enteritidis* in the following concentrations: from the turkey (1.0×10^5 salmonella per gm), the stuffing (1.2×10^9 salmonella per gm), and the gravy (2.9×10^4 salmonella per gm). No other pathogens were identified.

The turkey served was a 23 lb frozen turkey purchased on November 23 and kept in a freezer. It was thawed by placing it in the bottom of the refrigerator on the night prior to Thanksgiving; it was cooked at 300°F. for 7 hours and consumed immediately after cooking. The stuffing consisted of grade A eggs, bacon, a locally processed fresh Italian sweet sausage, bread, and giblets from the turkey. The gravy was a commercial product heated just prior to dinner. Following the outbreak, the partially consumed turkey was examined and was noted to be markedly undercooked.

Although contaminated turkey was most likely the vehicle causing this outbreak, the possibility that the sausage was the vehicle has not been excluded. Further investigation is now in progress.

(Reported by Ronald Altman, M.D., Acting Director, Division of Preventable Diseases, Martin Goldfield, M.D., Director of Laboratories, and Harold Rosenfeld, D.V.M., Division of Preventable Diseases, New Jersey Department of Health; Walter Lezynski, Health Officer, Jersey City Health Department; Dominic Mauriello, M.D., Physician-in-Charge, Infectious Disease Ward, Jersey City Medical Center; and an EIS Officer.)

Editorial Note:

Salmonella gastroenteritis is usually a mild, self-limited illness, with fatal cases usually confined to young infants, the elderly, and persons with severe underlying medical problems. The severity of this outbreak presumably reflects both a very large inoculum of salmonellae and an extremely virulent strain. A large inoculum as revealed by the quantitative studies of the contaminated foods is also indicated by both the short median incubation period of 7 hours and the high attack rate. Although virulence cannot be assessed, *S. enteritidis* is a salmonella serotype more likely to cause serious illness. Of 1,277 isolations of this serotype reported in 1967, 19.5 percent were non-fecal isolations (blood, urine, etc.) in contrast with 14.2 percent from these sources for all salmonella serotypes.

CHINESE FOOD POISONING – Florido

An outbreak of food poisoning occurred in Pompano Beach, Florida, on October 17, 1968, during a dinner in a Chinese restaurant. Of a total of five persons (four women and one man) eating the meal, three women became ill with symptoms characterized by perioral paresthesia, temporal and suboccipital headache, facial flushing, and nausea. The incubation period was approximately 10 minutes and duration of illness, 30 minutes to 2 hours.

Food histories implicated won ton soup as the vehicle of infection. The won ton soup is prepared daily and is made of commercial won ton, greens, pork, pepper, soy

(Continued on page 460)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 7, 1968 AND DECEMBER 9, 1967 (49th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post-Infectious	Serum	Infectious		
	1968	1967	1968	1968	1968	1967	1968	1968	1968	1967	1968
UNITED STATES...	74	60	3	3	31	26	7	146	961	909	31
NEW ENGLAND.....	1	1	-	-	-	1	1	7	63	28	1
Maine*.....	-	-	-	-	-	-	-	-	1	2	-
New Hampshire.....	-	1	-	-	-	-	-	-	4	-	-
Vermont.....	-	-	-	-	-	-	1	-	2	-	-
Massachusetts.....	1	-	-	-	-	-	-	1	29	12	-
Rhode Island.....	-	-	-	-	-	-	-	-	16	3	-
Connecticut.....	-	-	-	-	-	1	-	6	11	11	1
MIDDLE ATLANTIC.....	9	9	-	-	3	1	-	36	126	162	1
New York City.....	1	2	-	-	1	-	-	23	45	72	-
New York, up-State.	2	1	-	-	1	1	-	4	15	16	-
New Jersey.....	6	5	-	-	-	-	-	7	42	25	1
Pennsylvania*.....	-	1	-	-	1	-	-	2	24	49	-
EAST NORTH CENTRAL...	14	6	-	-	9	9	-	6	154	124	7
Ohio.....	-	-	-	-	5	7	-	-	32	48	-
Indiana.....	1	-	-	-	1	-	-	-	15	13	-
Illinois.....	5	1	-	-	-	1	-	2	45	22	5
Michigan.....	8	4	-	-	3	1	-	4	56	35	2
Wisconsin.....	-	1	-	-	-	-	-	-	6	6	-
WEST NORTH CENTRAL...	4	-	-	-	1	1	-	-	44	62	5
Minnesota.....	4	-	-	-	1	1	-	-	19	26	-
Iowa.....	-	-	-	-	-	-	-	-	10	9	-
Missouri.....	-	-	-	-	-	-	-	-	6	20	-
North Dakota.....	-	-	-	-	-	-	-	-	1	-	-
South Dakota	-	-	-	-	-	-	-	-	-	1	-
Nebraska.....	-	-	-	-	-	-	-	-	1	2	-
Kansas.....	-	-	-	-	-	-	-	-	7	4	5
SOUTH ATLANTIC.....	3	8	3	1	3	6	2	29	112	74	5
Delaware.....	-	-	-	-	-	-	-	-	2	-	-
Maryland.....	1	4	-	-	-	2	-	4	15	10	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	1	2	-
Virginia.....	-	-	3	-	2	-	-	-	5	6	-
West Virginia.....	-	-	-	-	-	-	-	-	7	8	-
North Carolina.....	-	2	-	-	-	2	-	-	13	12	5
South Carolina.....	-	2	-	-	-	-	-	-	7	4	-
Georgia.....	-	-	-	-	-	-	-	-	12	18	-
Florida.....	2	-	-	1	1	2	2	25	50	14	-
EAST SOUTH CENTRAL...	1	8	-	-	-	1	-	1	75	92	-
Kentucky.....	-	-	-	-	-	-	-	-	31	40	-
Tennessee.....	1	1	-	-	-	1	-	1	29	26	-
Alabama.....	-	1	-	-	-	-	-	-	4	9	-
Mississippi.....	-	6	-	-	-	-	-	-	11	17	-
WEST SOUTH CENTRAL...	10	2	-	1	3	2	-	5	72	75	1
Arkansas.....	1	1	-	-	-	1	-	-	6	-	1
Louisiana.....	2	-	-	1	3	-	-	4	14	13	-
Oklahoma.....	-	1	-	-	-	1	-	-	1	10	-
Texas*.....	7	-	-	-	-	-	-	1	51	52	-
MOUNTAIN.....	2	-	-	1	2	-	-	3	42	25	5
Montana.....	-	-	-	-	-	-	-	-	1	5	-
Idaho.....	-	-	-	-	-	-	-	1	4	4	-
Wyoming.....	-	-	-	-	-	-	-	-	1	1	-
Colorado.....	1	-	-	-	2	-	-	2	11	4	4
New Mexico.....	-	-	-	1	-	-	-	-	5	8	1
Arizona.....	-	-	-	-	-	-	-	-	9	3	-
Utah.....	-	-	-	-	-	-	-	-	5	-	-
Nevada.....	1	-	-	-	-	-	-	-	6	-	-
PACIFIC.....	30	26	-	-	10	5	4	59	273	267	6
Washington.....	1	2	-	-	1	-	-	1	19	18	2
Oregon.....	-	-	-	-	-	-	2	1	27	18	-
California.....	25	24	-	-	8	5	2	57	218	227	4
Alaska.....	-	-	-	-	-	-	-	-	3	3	-
Hawaii.....	4	-	-	-	1	-	-	-	6	1	-
Puerto Rico.....	-	-	-	-	-	-	-	-	38	9	-

*Delayed reports: Diphtheria: Tex. 2
Hepatitis, serum: Pa. delete 1
Hepatitis, infectious: Me. delete 1, Pa. delete 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 7, 1968 AND DECEMBER 9, 1967 (49th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paralytic		
	1968	1968	1967	1968	1968	1967	1968	1968	1968	Cum. 1968	1968
UNITED STATES...	268	21,712	61,099	45	2,404	2,026	2,256	-	-	55	379
NEW ENGLAND.....	15	1,260	927	2	139	81	334	-	-	1	32
Maine.*.....	-	38	262	-	6	3	51	-	-	-	-
New Hampshire.....	1	142	78	-	8	3	2	-	-	-	-
Vermont.....	-	3	34	-	1	1	88	-	-	-	2
Massachusetts.....	5	384	393	2	74	37	100	-	-	1	21
Rhode Island.....	-	39	62	-	9	6	36	-	-	-	2
Connecticut.....	9	654	98	-	41	31	57	-	-	-	7
MIDDLE ATLANTIC.....	42	4,575	2,514	2	425	335	170	-	-	1	59
New York City.....	20	2,362	514	-	86	62	22	-	-	-	4
New York, Up-State.	3	1,340	630	-	72	83	NN	-	-	1	3
New Jersey.....	9	698	594	1	147	108	148	-	-	-	14
Pennsylvania.....	10	175	776	1	120	83	NN	-	-	-	38
EAST NORTH CENTRAL...	42	4,124	6,090	7	301	279	387	-	-	9	75
Ohio.....	5	325	1,181	-	82	94	30	-	-	2	4
Indiana.....	10	719	656	3	43	31	-	-	-	2	2
Illinois.....	9	1,419	1,165	3	67	61	82	-	-	2	19
Michigan.....	5	322	1,017	-	88	72	85	-	-	3	34
Wisconsin.....	13	1,339	2,071	1	21	21	190	-	-	-	16
WEST NORTH CENTRAL...	37	446	2,954	2	128	94	274	-	-	3	30
Minnesota.....	-	18	136	-	29	21	-	-	-	-	-
Iowa.*.....	36	144	783	1	11	19	186	-	-	1	23
Missouri.....	-	81	340	-	41	19	5	-	-	2	-
North Dakota.....	-	138	886	-	4	3	44	-	-	-	4
South Dakota.....	-	4	58	-	5	7	NN	-	-	-	-
Nebraska.....	1	51	657	-	9	15	9	-	-	-	2
Kansas.....	-	10	94	1	29	10	30	-	-	-	1
SOUTH ATLANTIC.....	21	1,669	7,295	8	482	399	133	-	-	3	21
Delaware.....	-	13	51	-	12	8	8	-	-	-	3
Maryland.....	-	103	178	1	41	55	18	-	-	-	7
Dist. of Columbia..	-	6	25	-	17	15	6	-	-	1	-
Virginia..*.....	9	331	2,315	3	47	43	7	-	-	-	4
West Virginia.....	3	315	1,463	-	13	38	50	-	-	1	4
North Carolina.....	3	320	927	2	96	86	NN	-	-	1	-
South Carolina.....	1	23	513	-	61	32	17	-	-	-	1
Georgia.....	-	4	42	-	93	59	-	-	-	-	-
Florida.....	5	549	1,781	2	102	63	27	-	-	-	2
EAST SOUTH CENTRAL...	-	503	5,487	6	215	162	85	-	-	1	13
Kentucky.....	-	103	1,430	1	95	45	20	-	-	1	2
Tennessee.....	-	64	2,023	4	68	72	64	-	-	-	6
Alabama.....	-	95	1,357	-	27	29	1	-	-	-	-
Mississippi.....	-	241	677	1	25	16	-	-	-	-	5
WEST SOUTH CENTRAL...	68	5,223	18,078	12	348	256	173	-	-	24	43
Arkansas.....	-	2	1,404	1	21	41	-	-	-	1	-
Louisiana.....	-	25	156	3	97	99	-	-	-	-	1
Oklahoma.....	1	129	3,359	-	55	19	1	-	-	2	3
Texas.....	67	5,067	13,159	8	175	97	172	-	-	21	39
MOUNTAIN.....	15	1,073	4,869	2	45	40	153	-	-	1	27
Montana.....	-	58	331	-	6	5	2	-	-	-	4
Idaho.....	-	21	399	1	12	3	6	-	-	-	1
Wyoming.....	1	55	202	-	3	1	-	-	-	-	-
Colorado.....	1	522	1,626	1	14	13	27	-	-	-	12
New Mexico.....	11	154	606	-	1	5	43	-	-	-	-
Arizona.....	1	234	1,053	-	5	6	57	-	-	1	8
Utah.....	-	21	383	-	1	4	18	-	-	-	2
Nevada.....	1	8	269	-	3	3	-	-	-	-	-
PACIFIC.....	28	2,839	12,885	4	321	380	547	-	-	12	79
Washington.....	8	596	5,654	1	51	37	122	-	-	1	9
Oregon.....	8	585	1,702	-	25	30	12	-	-	-	7
California.....	12	1,612	5,206	3	228	298	353	-	-	11	46
Alaska.....	-	11	141	-	3	11	46	-	-	-	15
Hawaii.....	-	35	182	-	14	4	14	-	-	-	2
Puerto Rico.....	1	489	2,241	-	20	15	26	-	-	-	-

*Delayed reports: Measles: Va. 3
Mumps: Me. 5
Rubella: Me. 3, Iowa delete 2

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 7, 1968 AND DECEMBER 9, 1967 (49th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968
UNITED STATES...	10,972	1	154	-	166	9	382	1	277	56	3,173
NEW ENGLAND.....	1,251	-	4	-	47	-	13	1	2	-	74
Maine.*.....	21	-	-	-	-	-	2	-	-	-	55
New Hampshire.....	35	-	1	-	-	-	1	-	-	-	2
Vermont.....	20	-	-	-	47	-	-	-	-	-	11
Massachusetts.....	186	-	1	-	-	-	7	1	2	-	5
Rhode Island.....	111	-	-	-	-	-	-	-	-	-	-
Connecticut.....	878	-	2	-	-	-	3	-	-	-	1
MIDDLE ATLANTIC.....	189	-	19	-	10	-	35	-	22	2	53
New York City.....	10	-	11	-	-	-	18	-	-	-	-
New York, Up-State.	165	-	4	-	7	-	8	-	5	2	43
New Jersey.....	NN	-	1	-	-	-	4	-	7	-	-
Pennsylvania.....	14	-	3	-	3	-	5	-	10	-	10
EAST NORTH CENTRAL...	681	-	16	-	11	1	48	-	9	3	282
Ohio.....	127	-	2	-	1	1	20	-	7	-	92
Indiana.....	114	-	2	-	1	-	7	-	-	-	90
Illinois.....	97	-	8	-	8	-	19	-	2	1	39
Michigan.....	222	-	3	-	1	-	-	-	-	-	17
Wisconsin.....	121	-	1	-	-	-	2	-	-	2	44
WEST NORTH CENTRAL...	472	-	15	-	16	1	40	-	9	22	794
Minnesota.....	46	-	2	-	-	-	2	-	-	12	258
Iowa.....	127	-	4	-	-	-	2	-	1	2	121
Missouri.....	14	-	5	-	7	-	26	-	3	5	116
North Dakota.....	95	-	-	-	-	-	-	-	-	2	128
South Dakota.....	35	-	1	-	3	-	2	-	4	-	97
Nebraska.....	60	-	3	-	1	-	4	-	1	-	27
Kansas.....	95	-	-	-	5	1	4	-	-	1	47
SOUTH ATLANTIC.....	991	-	32	-	12	2	64	-	142	7	389
Delaware.....	19	-	-	-	-	-	-	-	-	-	1
Maryland.....	143	-	3	-	-	-	9	-	18	-	6
Dist. of Columbia..	12	-	2	-	-	-	1	-	-	-	2
Virginia.....	230	-	4	-	3	-	10	-	44	2	133
West Virginia.....	219	-	2	-	-	-	-	-	2	1	50
North Carolina.....	20	-	2	-	3	-	4	-	39	-	12
South Carolina.....	154	-	4	-	-	1	4	-	9	-	-
Georgia.....	24	-	3	-	4	-	15	-	27	2	79
Florida.....	170	-	12	-	2	1	21	-	3	2	106
EAST SOUTH CENTRAL...	1,802	-	16	-	9	-	46	-	57	18	683
Kentucky.....	162	-	1	-	2	-	10	-	10	14	365
Tennessee.....	1,285	-	6	-	5	-	21	-	39	3	295
Alabama*.....	103	-	6	-	-	-	2	-	5	1	26
Mississippi.....	252	-	3	-	2	-	13	-	3	-	7
WEST SOUTH CENTRAL...	853	1	31	-	48	-	51	-	30	4	486
Arkansas.....	21	-	5	-	15	-	18	-	6	-	62
Louisiana.....	2	-	10	-	7	-	6	-	1	-	46
Oklahoma.....	57	-	-	-	9	-	15	-	14	3	123
Texas.....	773	1	16	-	17	-	12	-	9	1	255
MOUNTAIN.....	2,823	-	1	-	9	-	21	-	5	-	89
Montana.....	60	-	-	-	-	-	-	-	-	-	-
Idaho.....	142	-	-	-	-	-	-	-	1	-	-
Wyoming.....	539	-	-	-	1	-	1	-	-	-	3
Colorado.....	1,372	-	-	-	3	-	5	-	4	-	4
New Mexico.....	370	-	-	-	-	-	8	-	-	-	39
Arizona.....	154	-	1	-	-	-	6	-	-	-	39
Utah.....	154	-	-	-	5	-	-	-	-	-	1
Nevada.....	32	-	-	-	-	-	1	-	-	-	3
PACIFIC.....	1,910	-	20	-	4	5	64	-	1	-	323
Washington.....	769	-	1	-	-	-	2	-	-	-	2
Oregon.....	98	-	1	-	1	-	5	-	-	-	6
California.....	659	-	18	-	3	4	56	-	1	-	315
Alaska.....	116	-	-	-	-	1	1	-	-	-	-
Hawaii.....	268	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	2	-	12	-	-	-	5	-	-	-	20

*Delayed reports: SST: Me. 10
Tetanus: Ala. 1

Week No. 49

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 7, 1968

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	787	473	50	32
Boston, Mass.	262	147	23	11
Bridgeport, Conn.	38	20	2	2
Cambridge, Mass.	20	16	7	-
Fall River, Mass.	30	22	1	1
Hartford, Conn.	63	35	1	5
Lowell, Mass.	40	27	1	-
Lynn, Mass.	22	14	1	-
New Bedford, Mass.	43	33	1	1
New Haven, Conn.	67	38	-	2
Providence, R. I.	72	37	7	6
Somerville, Mass.	9	7	-	-
Springfield, Mass.	49	32	4	3
Waterbury, Conn.	31	17	-	1
Worcester, Mass.	41	28	2	-
MIDDLE ATLANTIC:	3,832	2,215	193	157
Albany, N. Y.	64	33	2	6
Allentown, Pa.	57	33	4	4
Buffalo, N. Y.	170	95	2	8
Camden, N. J.	52	32	1	3
Elizabeth, N. J.	36	25	2	-
Erie, Pa.	43	24	5	1
Jersey City, N. J.	71	40	6	4
Newark, N. J.	118	54	9	15
New York City, N. Y.	1,915	1,113	102	75
Paterson, N. J.	58	29	1	-
Philadelphia, Pa.	440	241	3	14
Pittsburgh, Pa.	287	145	18	14
Reading, Pa.	64	48	4	-
Rochester, N. Y.	143	93	13	4
Schenectady, N. Y.	36	27	1	-
Scranton, Pa.	60	37	5	1
Syracuse, N. Y.	100	65	1	5
Trenton, N. J.	47	28	4	2
Utica, N. Y.	31	24	7	-
Yonkers, N. Y.	40	29	3	1
EAST NORTH CENTRAL:	3,098	1,747	127	135
Akron, Ohio	68	36	-	2
Canton, Ohio	39	26	1	1
Chicago, Ill.	904	478	42	36
Cincinnati, Ohio	188	117	3	6
Cleveland, Ohio	245	135	8	13
Columbus, Ohio	153	85	4	5
Dayton, Ohio	95	63	1	3
Detroit, Mich.	441	244	14	23
Evansville, Ind.	49	31	3	1
Flint, Mich.	64	33	2	2
Fort Wayne, Ind.	64	41	7	3
Gary, Ind.	29	12	2	3
Grand Rapids, Mich.	65	44	5	2
Indianapolis, Ind.	188	110	8	14
Madison, Wis.	51	23	7	1
Milwaukee, Wis.	146	84	9	8
Peoria, Ill.	41	23	-	3
Rockford, Ill.	48	29	3	1
South Bend, Ind.	40	23	1	2
Toledo, Ohio	118	68	5	3
Youngstown, Ohio	62	42	2	3
WEST NORTH CENTRAL:	993	604	46	49
Des Moines, Iowa	63	42	6	6
Duluth, Minn.	28	15	8	-
Kansas City, Kans.	42	22	3	3
Kansas City, Mo.	160	91	5	9
Lincoln, Nebr.	40	26	2	3
Minneapolis, Minn.	137	84	2	7
Omaha, Nebr.	81	54	2	1
St. Louis, Mo.	299	171	10	14
St. Paul, Minn.	84	65	3	-
Wichita, Kans.	59	34	5	6
SOUTH ATLANTIC:	1,387	719	57	56
Atlanta, Ga.	144	62	2	6
Baltimore, Md.	281	141	6	9
Charlotte, N. C.	69	31	3	6
Jacksonville, Fla.	95	50	2	6
Miami, Fla.	121	64	2	7
Norfolk, Va.	66	34	10	1
Richmond, Va.	90	43	1	6
Savannah, Ga.	56	30	3	1
St. Petersburg, Fla.	101	86	10	1
Tampa, Fla.	86	54	10	5
Washington, D. C.	224	96	8	5
Wilmington, Del.	54	28	-	3
EAST SOUTH CENTRAL:	774	409	41	53
Birmingham, Ala.	126	67	2	5
Chattanooga, Tenn.	80	35	12	10
Knoxville, Tenn.	44	26	-	4
Louisville, Ky.	134	75	15	8
Memphis, Tenn.	184	98	7	12
Mobile, Ala.	46	23	-	6
Montgomery, Ala.	53	28	2	3
Nashville, Tenn.	107	57	3	5
WEST SOUTH CENTRAL:	1,428	783	51	70
Austin, Tex.	41	29	5	2
Baton Rouge, La.	52	30	2	-
Corpus Christi, Tex.	32	18	1	1
Dallas, Tex.	180	105	5	7
El Paso, Tex.	73	38	8	5
Fort Worth, Tex.	82	50	3	4
Houston, Tex.	268	125	1	3
Little Rock, Ark.	80	41	4	7
New Orleans, La.	191	95	5	11
Oklahoma City, Okla.	105	59	4	7
San Antonio, Tex.	176	94	3	10
Shreveport, La.	65	42	6	8
Tulsa, Okla.	83	57	4	5
MOUNTAIN:	605	334	58	44
Albuquerque, N. Mex.	65	40	10	3
Colorado Springs, Colo.	43	23	10	4
Denver, Colo.	189	89	24	10
Ogden, Utah	17	9	1	2
Phoenix, Ariz.	118	72	-	8
Pueblo, Colo.	28	16	7	3
Salt Lake City, Utah	66	41	4	7
Tucson, Ariz.	79	44	2	7
PACIFIC:	1,869	1,109	49	71
Berkeley, Calif.	19	16	-	1
Fresno, Calif.	62	32	1	5
Glendale, Calif.	42	31	-	-
Honolulu, Hawaii	57	30	-	4
Long Beach, Calif.	108	67	6	3
Los Angeles, Calif.	616	380	19	23
Oakland, Calif.	130	62	2	3
Pasadena, Calif.	46	32	1	1
Portland, Oreg.	129	72	4	5
Sacramento, Calif.	66	31	-	2
San Diego, Calif.	85	49	1	2
San Francisco, Calif.	225	122	7	9
San Jose, Calif.	41	30	2	2
Seattle, Wash.	139	85	3	7
Spokane, Wash.	54	37	1	1
Tacoma, Wash.	50	33	2	3
Total	14,773	8,393	672	667

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	622,571
All Causes, Age 65 and over	357,605
Pneumonia and Influenza, All Ages	24,636
All Causes, Under 1 Year of Age	29,432

CHINESE FOOD POISONING – *(Continued from page 455)*

sauce, and chicken broth. The chicken broth is flavored with monosodium glutamate (MSG), often in excess. The restaurant used a 100 lb barrel of MSG every 6 to 8 weeks. No specimens were obtained to determine the concentration of MSG in the soup although undissolved crystals of MSG were noted in the soup.

(Reported by E. Charlton Prather, M.D., M.P.H., Director, Division of Epidemiology, Florida State Board of Health; Paul W. Hughes, M.D., Director, and Willard C. Galbreath, Registered Sanitarian, Director of Sanitation, Broward County Health Department; and an EIS Officer.)

Editorial Note:

Chinese food poisoning has recently been ascribed to monosodium glutamate intoxication.[1] The onset of symptoms in susceptible individuals usually occurs within 10 to 20 minutes after ingestion of food containing excess MSG. The most common symptoms are tingling and sensation of weakness in the facial and temporal regions and over the upper back, neck, and arms, and often a feeling of warmth over the same areas. Females appear to be more susceptible than males on an equal dose basis.[2]

References:

[1]Schaumburg, H.H., and Byck, R.: Correspondence. New Eng J Med, *279*:105, 1968

[2]Ambos, Marjorie, et al.: Correspondence. New Eng J Med, *279*:105, 1968.

INTERNATIONAL NOTES

SMALLPOX – Uruguay[1]

In late August, a 3-year-old girl, a resident of San Sebastian near the location of Hospital in Rivera Department, Uruguay, developed smallpox. The case was originally reported as being imported; however, investigation revealed that it was secondary to an imported case. The index case, a 40-year-old man, came to Hospital, Uruguay, from Cruz de San Pedro, Brazil, approximately 90 km north of Hospital, while convalescing from smallpox.

To date in 1968, no other smallpox case has been reported from Uruguay.

(Reported by the Smallpox Eradication Program, NCDC.)

Reference:

[1]World Health Organization *Weekly Epidemiological Record*, *43*(48):617.

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